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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,739	04/26/2005	Akinari Nakamura	601560-16US (04P561US/P34)	9011
570	7590	10/17/2007	EXAMINER	
AKIN GUMP STRAUSS HAUER & FELD L.L.P. ONE COMMERCE SQUARE 2005 MARKET STREET, SUITE 2200 PHILADELPHIA, PA 19103			RHEE, JANE J	
		ART UNIT	PAPER NUMBER	
		1795		
		MAIL DATE	DELIVERY MODE	
		10/17/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/532,739	NAKAMURA ET AL.	
	Examiner	Art Unit	
	Jane Rhee	1795	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on ____.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-5 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-5 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. ____ .
3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 4/26/05. 5) Notice of Informal Patent Application
6) Other: ____ .

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Nakamura et al. (20030104711).

As to claim 1, Nakamura et al. discloses a fuel cell system comprising: a fuel generator configured to generate a hydrogen-rich fuel gas by reforming a feed gas (figure 6 number 15); a material supply means configured to supply the feed gas to said fuel generator (figure 6 number 16); a fuel cell configured to generate electric power using the fuel gas supplied from said fuel generator and an oxidizing gas (figure 6 number 11); a bypass means configured to supply the feed gas to an anode of said fuel cell by bypassing said fuel generator (figure 6 number 23); a material supply switch means configured to switch a destination of the feed gas supplied from said material supply means between said fuel generator and said bypass means (figure 6 number 18); a material flow rate meter disposed at a position of a feed gas passage to be located between said material supply means and the anode and configured to measure a flow rate of the feed gas flowing through said bypass means (figure 6 number 24); and a controller, wherein, at start-up of said fuel cell system, the feed gas is injected to the anode through said bypass means, and said controller is configured to cause said

material supply switch means to operate based on a value output from said material flow rate meter to stop supply of the feed gas to the anode, and to then start the supply of the feed gas to said fuel generator (figure 6 number 34).

As to claim 2, Nakamura et al. discloses further comprising: a desulfurization device provided in the feed gas passage and configured to remove a sulfur component from a city gas which is the feed gas (figure 1 number 13)

As to claim 3, Nakamura et al. discloses further comprising: a combustor configured to heat said fuel generator by combusting the feed gas supplied to the anode through said bypass means and exhausted from the anode, or the feed gas supplied from said material supply means (figure 6 number 15a).

As to claim 4, Nakamura et al. discloses further comprising: a material flow rate adjusting means provided upstream of said material supply switch means and configured to adjust a flow rate of the feed gas supplied from said material supply means (figure 6 number 16)

As to claim 5, Nakamura et al. discloses further comprising: an air supply means configured to supply air to at least one of the anode and said fuel generator, wherein after said air supply means supplies the air to at least one of the anode and said fuel generator and stops the supply of the air, the feed gas is supplied to the anode through said bypass means (figure 6 number 17).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jane Rhee whose telephone number is 571-272-1499. The examiner can normally be reached on M-F 9-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Jane Rhee
October 11, 2007